

**MERRIMAC**  
**Cancer Incidence by Sex, 1993 - 1997**  
**Expected and Observed Case Counts, with Standardized Incidence Ratios**

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	3.26	5	153	Male	2.05	2	NC*
Female	1.20	0	NC*	Female	1.62	1	NC*
Total	4.46	5	112	Total	3.67	3	NC*
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	1.14	0	NC*	Male	0.62	2	NC*
Female	0.97	1	NC*	Female	0.56	0	NC*
Total	2.10	1	NC*	Total	1.18	2	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin's Lymphoma</u></b>			
Male	0.22	0	NC*	Male	2.70	1	NC*
Female	20.63	17	82	Female	2.29	0	NC*
Total	20.85	17	82	Total	5.00	1	NC*
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	1.35	0	NC*	Male	2.28	2	NC*
				Female	1.05	0	NC*
				Total	3.33	2	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	8.26	9	109	Female	2.50	7	280 #+
Female	7.67	10	130				
Total	15.93	19	119				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	1.23	1	NC*	Male	1.27	1	NC*
Female	0.39	2	NC*	Female	1.28	2	NC*
Total	1.62	3	NC*	Total	2.55	3	NC*
<b><u>Hodgkin's Disease</u></b>				<b><u>Prostate</u></b>			
Male	0.55	1	NC*	Male	20.08	23	115
Female	0.43	2	NC*				
Total	0.98	3	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	1.99	6	302 #+	Male	1.43	2	NC*
Female	1.16	2	NC*	Female	0.82	0	NC*
Total	3.14	8	254 #+	Total	2.25	2	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	1.21	1	NC*	Male	0.77	2	NC*

Female	0.34	0	NC*				
Total	1.55	1	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	1.47	1	NC*	Male	0.42	0	NC*
Female	1.09	1	NC*	Female	1.09	1	NC*
Total	2.55	2	NC*	Total	1.51	1	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	0.68	1	NC*				
Female	0.27	0	NC*	Female	3.98	5	126
Total	0.94	1	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	10.71	7	65	Male	66.96	70	105
Female	8.07	11	136	Female	63.24	65	103
Total	18.77	18	96	Total	130.20	135	104

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels